

Date: Friday, 7/4/2008 12:48:26 PM  
 User: Kim Johnston

## Process Sheet

Customer	CU-DAR001 Dart Helicopters Services			Drawing Name	: PLUG		
Job Number	40276			Part Number	: D26513		
Estimate Number	12292			Drawing Number	: D2651 REV.B		
P.O. Number	:			Project Number	: N/A		
This Issue	7/4/2008	S.O. No.	:	Drawing Revision	: B		
Prsht Rev.	NC			Material	:		
First Issue	11	Type	PURCHASED PARTS	Due Date	: 7/30/2008		
Previous Run	39784			Qty:	300	Um:	Each
Written By	:			287 CL			
Checked & Approved By	HJ 08 07 07						
Comment	est rev. A 06.02.15 new issue EC						

## Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
1.0	PG	PURCHASING
		 <b>Comment:</b> PURCHASING Issue P/O: <u>6704</u> <i>C 6704</i> Purchase P/N: 2-008 as per Dwg D2651 Supplier: Parker Ensure Certificate of Conformity is attached <i>300 287 CL</i>
2.0	MS28775008	O RING
		 <b>Comment:</b> Qty.: 1.0000 Each(s)/Unit Total : 300.0000 Each(s) O RING
3.0	PACKAGING 1	PACKAGING RESOURCE #1
		 <b>Comment:</b> PACKAGING RESOURCE #1 Receive & Inspect For Transit Damage Ensure material certification is attached <i>P 87/10 287 CL 300</i>
4.0	QC6	DIMENSIONAL CHECK
		 <b>Comment:</b> DIMENSIONAL CHECK Ensure Material certification comply to Dwg D3446 <i>S 08/07/10 287 contin</i>
5.0	PACKAGING 1	PACKAGING RESOURCE #1
		 <b>Comment:</b> PACKAGING RESOURCE #1 Identify and Stock Location: <u>FP2 Finishing</u> <i>87/10 287 CL</i>

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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User: Kim Johnston

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services		Drawing Name: PLUG
Job Number: 40276		Part Number: D26513
Job Number: 		
Seq. #:	Machine Or Operation:	Description :
6.0	QC21 	FINAL INSPECTION/W/O RELEASE  08/07/15 JH
Comment: FINAL INSPECTION/W/O RELEASE		
Job Completion	 MF 08-07-14	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action      Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



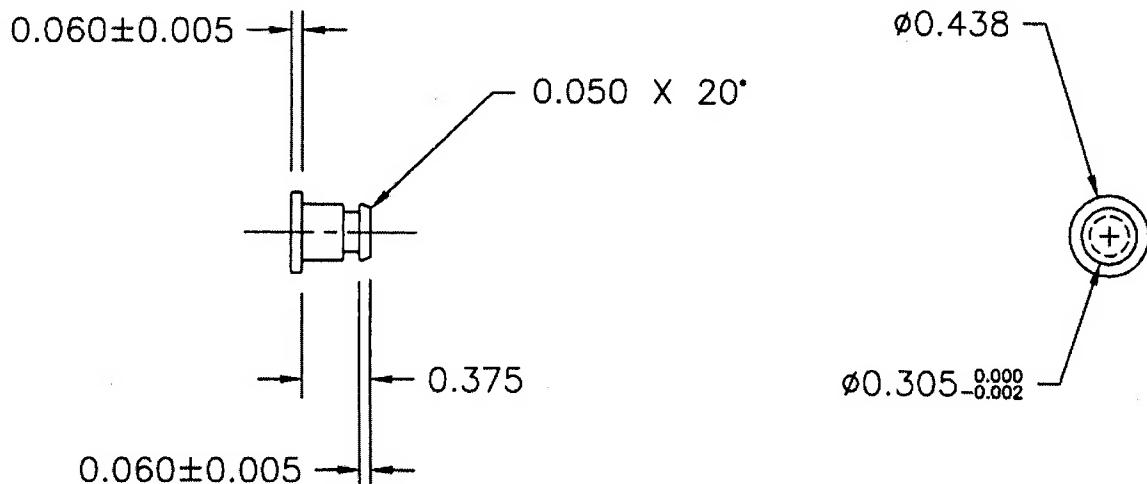
© COPY ISSUED  
03/12/19

DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED	APPROVED	DRAWING NO.	REV. B
		D2651	SHEET 1 OF 1
DATE		TITLE	SCALE
03.12.19		PLUG	1:1
A	97.03.25	NEW ISSUE	
B	03.12.19	ADD POWDER COAT, MS28775-008	

RELEASED

03.12.19

D2651-1 PLUG:



GROOVE DETAIL (SCALE 5:1)

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 40276

D2651-1 PLUG

- 1) MATERIAL: 6061-T6 (QQ-A-225/8) OR 1100-0 (QQ-A-225/1)
- 2) FINISH: ACID ETCH & ALODINE PER DART QSI 005 4.1  
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.010 MAX

D2651-3 O-RING

- 1) MATERIAL: BUNA N, 70 DUROMETER  
3/16 ID, 5/16 OD, 1/16 WIDTH  
(PARKER 2-008, MS28775-008 OR EQUIVALENT)

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# M & M Aerospace Hardware, Inc.

P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191  
 Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR  
[www.mmaero.com](http://www.mmaero.com)

INVOICE NUMBER

P59246

PAGE 3

SOLD TO:

002409

DART AEROSPACE LTD  
 1270 ABERDEEN ST  
 HAWKESBURY, ON  
 CANADA K6A 1K7

SHIP TO:

DART AEROSPACE LTD  
 1270 ABERDEEN ST  
 HAWKESBURY, ON  
 CANADA K6A 1K7

ORDER NO.		DATE	SHIP VIA	TERMS		F.O.B.		
6704		07/08/08	FEDX INTL ECON COLL	NET 45		FOB - MIAMI		
ITEM NO.	QUANTITY ORDERED	PART NUMBER AND DESCRIPTION		PRICE	UNIT	BACK ORDER	SHIPPED	AMOUNT
	50	LOT# : 14815 LOT QTY: 50 COUNTRY OF ORIGIN: USA NAS1515H4 WASHER CTRL# : 2007L04789			EA	0	✓ 50	
	300	LOT# : T9673 LOT QTY: 50 COUNTRY OF ORIGIN: USA MS28775-008 PACKING CTRL# : 2007E04601 LOT# : 0080055115 LOT QTY: 300 COUNTRY OF ORIGIN: USA	05/08/08		EA	0	✓ 300 ✓ 287	
	50	MS24694C13 SCREW CTRL# : 2007G02975 LOT# : 19657 LOT QTY: 50 COUNTRY OF ORIGIN: USA			EA	0	✓ 50	

\*\*\*CONTINUED\*\*\*

MATERIAL TO BE RETURNED MUST HAVE PRIOR AUTHORIZATION BY M & M AEROSPACE

WE HEREBY CERTIFY THAT ALL PROVISIONS OF THE FAIR LABOR STANDARDS ACT ON JUNE 25, 1983, AS AMENDED, HAVE BEEN FULLY COMPLIED WITH IN THE MANUFACTURE, PRODUCTION OR PURCHASE OF GOODS LISTED HEREON  
 ALL ITEMS ARE SUBJECT TO A 100% RESTOCKING CHARGE. ALL PAST DUE ACCOUNTS SHALL BEAR INTEREST AT THE RATE OF 1 1/4% MONTH (18% PER ANNUM).

M & M AEROSPACE HARDWARE, INC. (M & M AEROSPACE) WARRANTS THAT THE ITEMS SUBJECT OF THIS INVOICE WILL BE FREE FROM DEFECTS OF MATERIAL AND WORKMANSHIP AND, AS SET FORTH ON THE MATERIAL CERTIFICATION FORM ACCOMPANYING THE ITEMS SUBJECT OF THIS INVOICE, ARE IN CONFORMITY WITH ALL CURRENT GOVERNMENTAL REQUIREMENTS AND THE SPECIFICATIONS OF THE RESPECTIVE MANUFACTURERS. M & M AEROSPACE DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE. THE LIABILITY OF M & M AEROSPACE IS EXPRESSLY LIMITED EXCLUSIVELY TO REPLACEMENT OF ANY ITEM WHICH IS REJECTED BECAUSE OF A DEFECT IN MATERIAL OR WORKMANSHIP. SUCH REPLACEMENT SHALL CONSTITUTE SATISFACTION OF ALL LIABILITY M & M MAY HAVE IN CONNECTION WITH SUCH ITEM, WHETHER LIABILITY IS BASED UPON CONTRACT RIGHTS, NEGLIGENCE, OR OTHERWISE, AND IN NO EVENT SHALL M & M AEROSPACE BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES. FURTHER, M & M AEROSPACE MUST BE NOTIFIED OF A REJECTION OF AN ITEM WITHIN 30 DAYS AFTER RECEIPT BY THE CUSTOMER.

PACKING SLIP

Director of Worldwide Quality

REPRINTING OR COPIING OF THIS INVOICE IS PROHIBITED. BUYER EXPRESSLY ASSENTS TO THE TERMS AND CONDITIONS SET FORTH ON THE REVERSE HEREOF

**- ORDER -****ENGINEERING AND SUPPLY CO., INC.**

## SHIPPED FROM:

SWAN ENGINEERING AND SUPPLY CO., INC.

STRIBUTOR OF:  
ULIC HOSE & COUPLINGS  
WINGS, TEFLO SEAL  
PACKINGS550 SHAWNEE AVE. KANSAS CITY, KS 66105-2184  
(913) 371-7425 (800) 444-7425 FAX (913) 371-4210

CASH SALE  PICKING TICKET  
 DIRECT  CREDIT CARD

## PLEASE NOTE:

- (1) 15% Handling Charge on Returns.
- (2) Proof of Purchase Required on all Returns.
- (3) O-rings, seals, gaskets, hose assemblies and items made of rubber are non-returnable after 30 days.
- (4) No returns after 6 months.
- (5) Authorization for returns must be obtained from parts manager.

1 &amp; M AEROSPACE HDW., INC.

\*\*FED EX GROUND\*\*

P.O. BOX 025263

MIAMI, FL 331025263

## SHIPPING INSTRUCTIONS

TODAY SURE  ASAP  CUSTOMER P/U  
**CARRIER**  
**SHIP VIA:**  
 UPS ►  RED  BLUE  GROUND  
 POSTAL  TRUCK  FED EX

<b>FROM</b>	<b>SWAN ENGINEERING AND SUPPLY CO., INC.</b>	
	550 SHAWNEE AVENUE	KANSAS CITY, KANSAS 66105-2184
<b>TO</b>	<b>M &amp; M AEROSPACE HDW, INC.</b> <b>**FED EX GROUND**</b> <b>10000 N.W. 15TH TERRACE</b> <b>MIAMI, FL 33172</b>	
<b>CUSTOMER P.O. NO.</b>		<b>VENDOR ID.</b>
OBB231		SWAN INV NO. 133205

THIS MAY NOT BE YOUR INVOICE !!

PHONE NO. (000) 000-0000

TERMS	CUST NO.	SALES REP	NO. OF PKGS.	SHIPPED VIA	PICK/PACK BY	ORDER PLACED BY	ORDER DATE	SHIP DATE
30	19247	04	2	FED EX	acc/lm	JON	04/20/07	06/20/07

QUANTITY ORDERED	SHIPPED	BACK ORDERED	PART NUMBER	DESCRIPTION	UNIT PRICE	UNIT	EXTENSION
20000.00	20,000	0	MS28775-008.	O-RING	.0510	EA	

8  
08/07/10

**O-RING QTY 1 EA**  
**M&M AEROSPACE**  
**P/N MS28775-008**  
**MFG PARKER SEAL CO**

**CURED 1Q07**  
**BATCH 80055115**

**ENTERED**  
**4-20-07**  
**acc/lm 518/07**

**COMPLETED**  
**5-16-07**  
**acc/lm 518/07**

**COMPLETED**  
**5-16-07**  
**acc/lm 518/07**

ED IN GOOD ORDER BY:

DATE 5/14/07

MDSE. AMOUNT	FREIGHT	STATE	SALES TAX	TOTAL AMOUNT DUE

ALL CLAIMS FOR SHORTAGES  
OR DAMAGED GOODS MUST  
BE MADE WITHIN 48 HOURS.

on, whether a sale, lease or repair, is subject to Swan Engineering and Supply Co., Inc.'s standard terms and conditions for the particular type of transaction involved, which terms and conditions include, without limitation, the following:  
 (1) Swan Engineering and Supply Co., Inc. makes no warranties, express or implied, to the equipment or parts sold or leased or repair services performed and expressly disclaims all express or implied warranties including any warranties of merchantability or fitness for a particular purpose; (2) the customer shall have no remedy whatsoever against Swan Engineering and Supply Co., Inc. as a result of such sale, lease or repair work (including but not limited to the recovery of direct, incidental, special, indirect, consequential or punitive damages or otherwise or whether based on contract, tort, strict liability or other legal theory).





Parker Hannifin Corporation

O-Ring Division  
Parker Seal de Matamoros  
Diagonal Lorenzo De La Garza #13 Ciudad  
H. Matamoros, Tam. 87499, Mexico  
Phone: (859) 335-3000

— NOTICE —  
This is a C.B.I. Compound!

C.B.I. is Parker's exclusive quality assurance  
program for Controlled Batch Identification,  
your assurance of reliability.

CONFIDENTIAL INFORMATION — FOR YOUR EYES ONLY

Parker O-Ring Division certifies that the material used in the manufacture of the parts identified below and called for on Purchase Order Number 181784 received by us from SWAN ENG SPLY KANSAS KS is traceable to C.B.I Number 0080055115 and that the material used conforms to the requirements of the specifications indicated below. The tests were performed in accordance with these specifications, and data supporting the indicated results are on file.

CUSTOMER PART NUMBER	ITEM NUMBER	COMBINED	QUANTITY	CAGE DATE	SHIP DATE
MS28775-008.	MS28775-008 TESTED AS: 2-214 & BUTTONS	N0304 -75	20000	1Q07	05/02/07
<b>PHYSICAL PROPERTIES</b>					
<b>TEST DT 03/21/07</b>					
SPECIFICATION MIL-P-25732C	TYPE	CLASS			
ASTMD297 SPECIFIC GRAVITY			(1.26 - 1.30)	1.2800	
ASTMD2240 HARDNESS SHORE A	(68 - 80)		(70 - 80)	75	
ASTMD1414 TENSILE STRENGTH, PSI	1350 MIN		(1440 - 2160)	1691	
ASTMD1414 ELONGATION, %	160 MIN		(160 - 226)	190	
MODULUS AT 100% ELONG.	500 MIN		(500 - 9999)	638	
TR-10 50% ELONG. 10%RETURN	-49 MAX			-50.0	
FLUID AGEING 70 HRS AT					
275F IN MIL H-5606					
ASTMD395 COMPRESSION SET % MAX	55			34.2	
TR-10	-49 MAX			-52.0	
ASTMD2240 HARDNESS CHANGE	+5 -15			-12.0	
VOLUME CHANGE	1 +20			20.0	

Testing Performed By PSDM Lab  
Diagonal Lorenzo De La Garza #13 Ciudad  
H. Matamoros, Tam. 87499, Mexico

CAGE CODE: 02697

No Mercury, Mercury compounds or Mercury bearing instruments, equipment or apparatus which might cause contamination has been used in the manufacture or subsequent processing of material covered by this order.

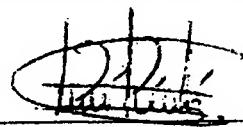
Purchaser use only. Reproduce only in full. Data pertains to items referenced.

The recording of false, fictitious or fraudulent statements or entries on the certificate may be punishable as a felony under federal law.

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O-Ring Division  
**PARKER HANNIFIN CORPORATION**

By

  
Ruben Ramirez

Quality Assurance Manager

